

**AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

**LISTING OF CLAIMS:**

1. (Original) A process for producing a modified polyolefin resin, which comprises the steps of:

(1) blending at least the following components (A) to (D) to produce a blend:

(A) 100 parts by weight of a polyolefin resin,

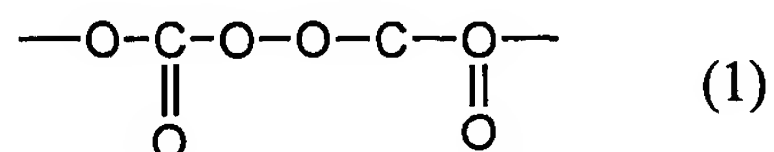
(B) from 0.1 to 20 parts by weight of a compound having an epoxy group and an unsaturated bond,

(C) from 0.01 to 20 parts by weight of an organic peroxide having a decomposition temperature of from 50 to 115°C, at which temperature a half-life thereof is 1 minute, and

(D) from 0 to 20 parts by weight of an organic peroxide having a decomposition temperature of from 150 to 200°C, at which temperature a half-life thereof is 1 minute, and

(2) melt-kneading said blend to produce a modified polyolefin resin.

2. (Currently Amended) The process for producing a modified polyolefin resin according to claim 1, wherein the component (C) contains an organic peroxide having the following structure (1):



in its molecule.

3. (Currently Amended) The process for producing a modified polyolefin resin according to claim 1, wherein the blend further contains styrene.

4. (Currently Amended)) The process for producing a modified polyolefin resin according to claim 1, wherein said melt-kneading is carried out in an extruder.